SEQUENCE LISTING <110> Degussà-Hüls AG <120> Novel nualeotide sequences encoding the gpm gene 5 <130> 990168 BT <140> 10 <141> <160> 2 <170> PatentIn Ver. 2. 15 <210> 1 <211> 1020 <212> DNA <213> Corynebacterium glutamicum 20 <220> <221> CDS <222> (181)..(924) 25 <400> 1 acgcgcatca gaatgggtga agacgccgtc gaacacgcca gaacattctc ctgggcggcc 60 accgccgcac agctatcgtc gctgtacaalpha gacgctattg ccaacgaaaa tgtcgacggt 120 gaaacgcatc acggctaagt aaacgcgcgt/ggggaacat aaagtggcaa actagtacct 180 30 atg act aac gga aaa ttg att ctt ctt cgt cac ggt cag agc gaa tgg Met Thr Asn Gly Lys Leu Ile Leu Leu Arg His Gly Gln Ser Glu Trp 35 aac gca tcc aac cag ttc act gga tgg gtc gac gtc aat ctg acc gaa 276 Asn Ala Ser Asn Gln Phe Thr Gly Trp Val Asp Val Asn Leu Thr Glu cag ggt gag gct gag gcc aag cgc gga ggc qaa ctc ctc gtc gag gca 324 40 Gln Gly Glu Ala Glu Ala Lys Arg Gly Gly Qlu Leu Leu Val Glu Ala ggc gtc ctc cca ggc gtt gta tac acc tcc ttg/ctg cgt cgc gcg atc 372 Gly Val Leu Pro Gly Val Val Tyr Thr Ser Leu Leu Arg Arg Ala Ile 45 55 cgc act gca aac atc gca ctg aac gct gca gac cg/c cac tgg atc cca 420 Arg Thr Ala Asn Ile Ala Leu Asn Ala Ala Asp Arg His Trp Ile Pro 50 65 gtg atc cgc gac tgg cgc ctc aac gag cgt cac tac ggc gca ctg cag 468 Val lle Arg Asp Trp Arg Leu Asn Glu Arg His Tyr Gly Ala Leu Gln 55 ggc ctt gac aag gct gca acc aag gaa aaa tac ggc gac qac cag ttc 516 Gly Leu Asp Lys Ala Ala Thr Lys Glu Lys Tyr Gly Asp Asp Gln Phe 105 100

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5	gac gca gag tac tcc cag gca aat gac cct cgt tac gcg gac ctc gac 612 Asp Ala Glu Tyr Ser Gln Ala Asn Asp Pro Arg Tyr Ala Asp Leu Asp 130 140											
10	gta gtt cca cgc acc gaa tgc ctc aag gac gtt gtg gtt cgt ttt gtt 660 Val Val Pro Arg Thr Glu Cys Leu Lys Asp Val Val Arg Phe Val 145 150 160											
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20	ctt gac ggc atc tcc gat gct gat atc gca gag ctc aac atc cca acc 804 Leu Asp Gly Ile Ser Asp Ala Asp Ile Ala Glu Leu Asn Ile Pro Thr 195 200 205											
25	ggc atc cca ctg gtc tac gaa atc gcc gaa gac ggt tcc gta gta aac 852 Gly Ile Pro Leu Val Tyr Glu Ile Ala Glu Asp Gly Ser Val Val Asn 210 220											
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55	Gln Gly Glu Ala Glu Ala Lys Arg Gly Gly Glu Leu Leu Val Glu Ala 35 40 45											
	Gly Val Leu Pro Gly Val Val Tyr Thr Ser Leu Leu Arg Arg Ala Ile 50 50											

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15	Asp	Ala 130	Glu	Tyr	Ser	Gln	Ala 135	Asn	Asp	Pro	Arg	Tyr 140	Ala	Asp	Leu	Asp
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30	Gly	Ile 210		Leu	Val	Tyr	Glu 215	Ile	Ala	Glu	Asp	Gly 220	Ser	· Val	Val	Asn
	Pro 225		gly	Thr	туг	Leu 230	Asp	Pro	Glu	ı Ala	Ala 235	Ala	Ala	Gly	Ala	Ala 240
35	Ala	. Val	Ala	a Asn	Glr 245	Gly	Asn	Lys	;							